

University of Groningen

Permanence in diversity

Boschman, Nienke; Hacquebord, Louwrens

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2004

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Boschman, N., & Hacquebord, L. (Eds.) (2004). *Permanence in diversity: Netherlands Ecological Research on Edgeøya, Spitsbergen*. Barkhuis Publishing.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

PERMANENCE IN DIVERSITY

**Netherlands Ecological Research
on Edgeøya, Spitsbergen**

Edited by Nienke Boschman and Louwrens Hacquebord

PERMANENCE IN DIVERSITY

Edited by Nienke Boschman and Louwrens Hacquebord



PERMANENCE IN DIVERSITY

Netherlands Ecological Research
on Edgeøya, Spitsbergen

edited by

Nienke Boschman and Louwrens Hacquebord

Barkhuis Publishing
Groningen 2004

Cover illustration: Kapp Lee Station (photo: Ko de Korte)

Cover design: Andreas van Iterson

Graphic design: Barkhuis Publishing

Print: Giethoorn ten Brink

ISBN 9080739073

ISSN 1574-0374

Circumpolar Journal

ISSN 0925-2177

© 2004 Arctic Centre, RUG

Alle rechten voorbehouden. Niets van deze uitgave mag worden verveelvoudigd, opgeslagen in een geautomatiseerd gegevensbestand, of openbaar gemaakt, in enige vorm of op enige wijze, zonder voorafgaande schriftelijke toestemming van de uitgever.

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage or retrieval system, without permission in written form from the publisher.

Contents

Preface	vii
 Permanence in diversity <i>A life in the service of Arctic Biological Research</i> Louwrens Hacquebord	 1
 Netherlands Spitsbergen Expedition 1968–1969 <i>A winter with polar bears</i> Ko de Korte	 15
 Birds observed in Edgeøya summer 1977 Arend J. van Dijk	 29
 Rosenbergdalen, green valley in the barren land of Edgeøya, Spitsbergen Hester D. Heinemeijer & Arend J. van Dijk	 45
 Interplay between peat formation and animal behaviour in the Spitsbergen archipelago, recorded in peat sections W.O. van der Knaap (Pim) and J.F.N. van Leeuwen (Jacqueline)	 71
 Mushrooms in Spitsbergen Leo M. Jalink and Marijke M. Nauta	 87
 Landscape ecology ('land unit') map of Edgeøya, Spitsbergen with emphasis on vegetation I.S. Zonneveld, M. Lebouille & N. de Nies with the cooperation of A. van Dijk, H. Heinemeijer & P. Oosterveld	 103
Appendix A Landscape ecology (map) of Edgeøya, Svalbard, 1977	
Appendix B Sample sheets for soil, landform and vegetation	157
Appendix C Table of musci and lichens	159
Appendix D Presence table with sociological groups and communities	160
Appendix E Vegetation table of the Trachyophytes (Herbs and mini dwarf Shrubs)	162

Preface

With the publication of this special issue of *Circumpolar Journal*, the Arctic Centre of the University of Groningen would like to honour Piet Oosterveld as the driving force behind biological research on Edgeøya, Spitsbergen. He invested large amounts of time and energy in this research and he was an inspiration for many students.

The book starts with an article about Piet Oosterveld's Arctic activities written by Louwrens Hacquebord. After some fieldwork in Iceland Piet Oosterveld's Arctic career really started with a wintering spent on Edgeøya in 1968-1969. In this book Piet Oosterveld's companion Ko de Korte reports on this wintering. Some years later Piet Oosterveld was the instigator of the Reindeer Environment Expedition to Edgeøya in 1977. The most important product of this expedition, the ecological landscape map, was never published. In our opinion this ecological landscape map merits publication and fortunately les Zonneveld was willing to revise the article accompanying the map which is to be found at the back of the book. In this article the results of the ecological survey are presented..

The articles of Arend J. van Dijk and Hester D. Heinemeijer also deal with the ornithological and botanical results of the Reindeer Environment Expedition Svalbard.

The articles of Pim van der Knaap & Jacqueline van Leeuwen and Leo M. Jalink & Marijke Nauta are dealing with other biological research on Edgeøya initiated by Piet Oosterveld. They are presented here as a tribute to Piet Oosterveld's always stimulating energy and effort to make research in Spitsbergen possible.

The editors

Nienke Boschman and Louwrens Hacquebord

PERMANENCE IN DIVERSITY

Netherlands Ecological research on Edgeøya Spitsbergen
edited by Nienke Boschman and Louwrens Hacquebord
Barkhuis Publishing, Groningen 2004

Circumpolar Studies Volume 1 ISSN 1574-0374
Circumpolar Journal 17 (2) ISSN 0925-2177
ISBN 9080739073

CONTENTS

Preface

Louwrens Hacquebord *Permanence in diversity: A life in the service of Arctic Biological Research*

Ko de Korte *Netherlands Spitsbergen Expedition 1968-1969: A winter with polar bears*

Arend J. van Dijk *Birds observed in Edgeøya summer 1977*

Hester D. Heinemeijer and Arend J. van Dijk *Rosenbergdalen, green valley in the barren land of Edgeøya, Spitsbergen*

W.O. van der Knaap (Pim) and J.F.N. van Leeuwen (Jacqueline) *Interplay between peat formation and animal behaviour in the Spitsbergen archipelago, recorded in peat sections*

Leo M. Jalink and Marijke M. Nauta *Mushrooms in Spitsbergen*

I.S. Zonneveld, M. Lebouille and N. de Nies with the cooperation of A. van Dijk, H. Heinemeijer & P. Oosterveld *Landscape ecology ('land unit') map of Edgeøya, Spitsbergen with emphasis on vegetation*

Citation:

Boschman, N. & Hacquebord, L. (eds.). 2004.
Permanence in diversity. Netherlands
Ecological research on Edgeøya Spitsbergen.
Circumpolar Studies 1.

Ordering:

Price: € 20. To order: by payment of € 27,50
(€ 20,00 plus postage and packaging) into:
bank account number 2117483; name of
account holder: Willem Barentszstichting;
address: Aweg 30, 9718 CW Groningen
Please state reference "Permanence" when
placing your order. Inside The Netherlands: €
22,50

